St. 2/8/enve.

THIS ENVELOPE CONTAINS THE FOLLOWING 3 CHARTS:

1)MANNED BASE USERS,USER INTEGRATION SCENARIO

2)DEVELOPMENT OF NEW PLATFORM

3)INSTALLATION OF NEW PAYLOADS ON EXISTING PLATFORM

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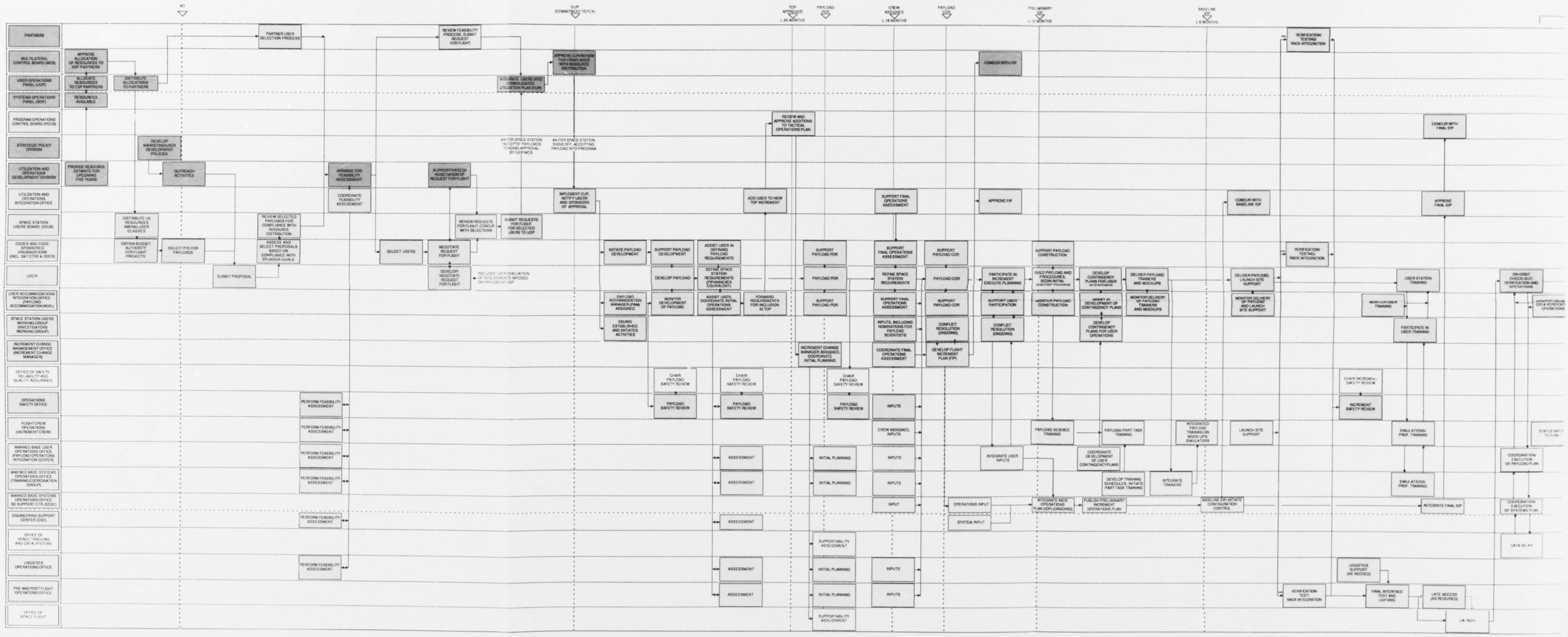
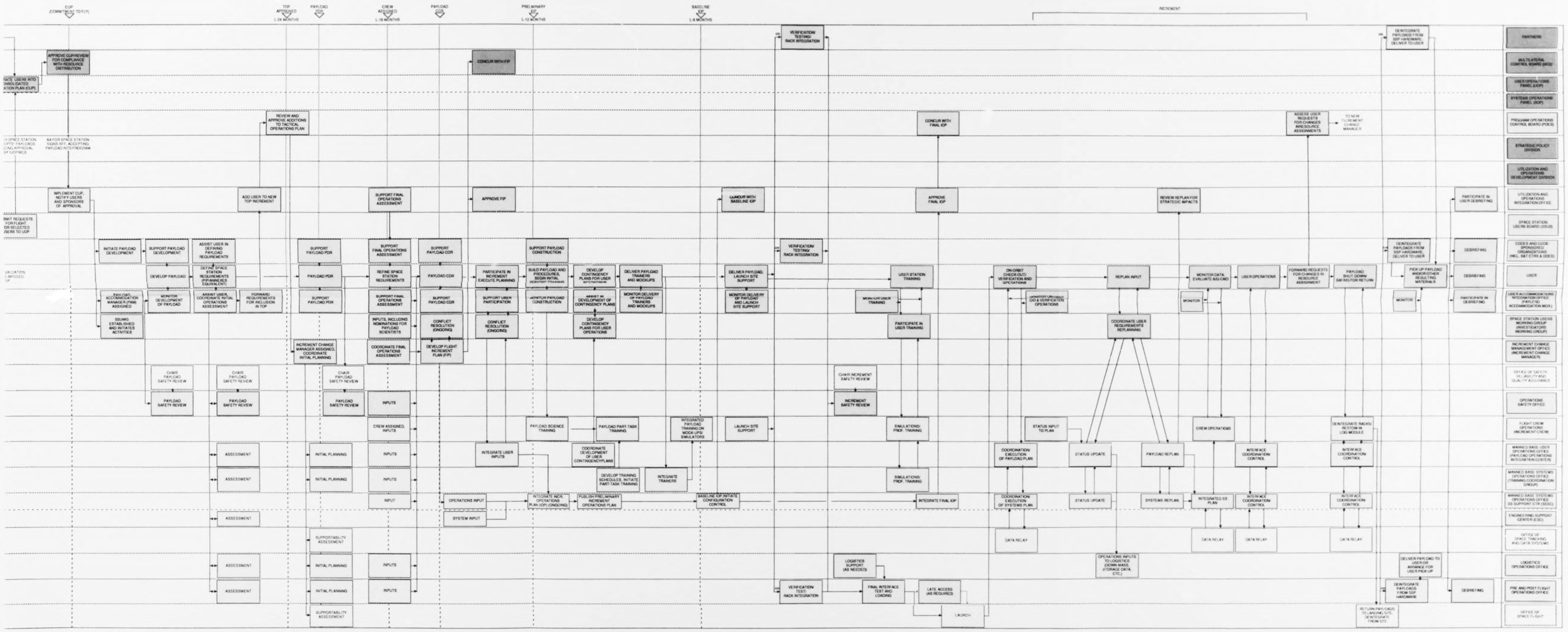
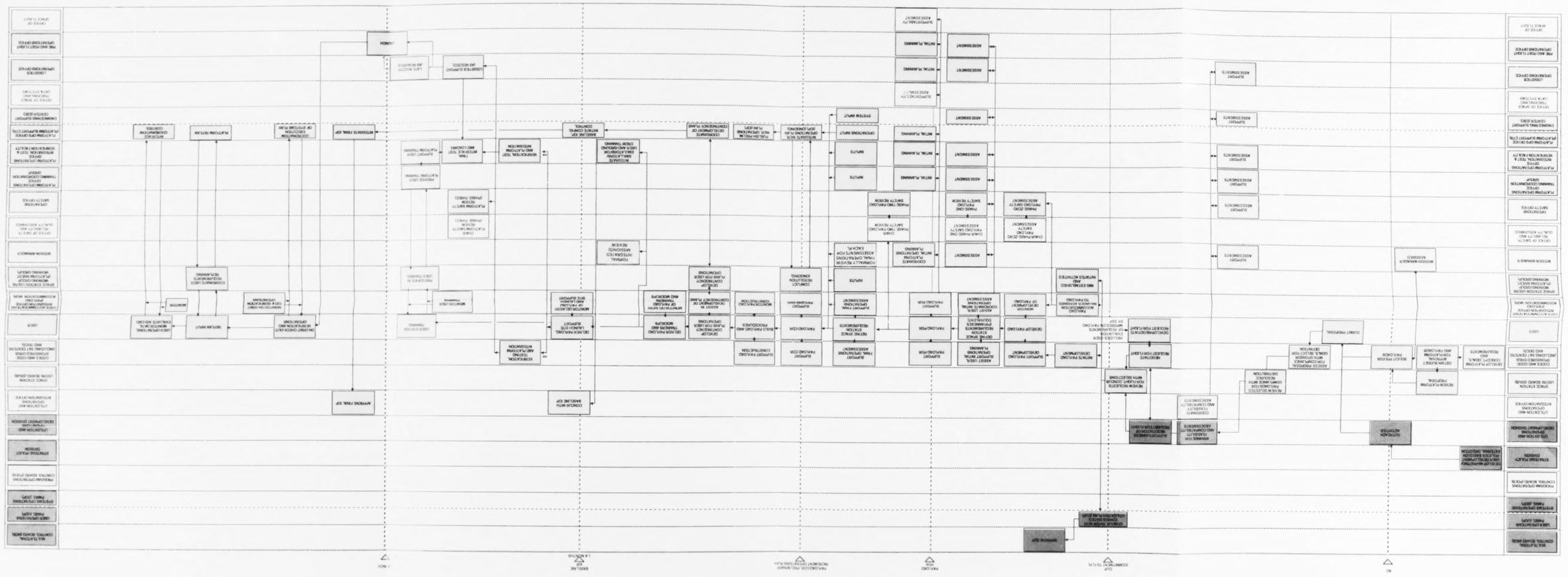
NAS 1.2:

USER INTEGRATION SCENARIO
PART 1: MANNED BASE USERS


ICI
CUP (COMMITMENT TO FLY)
TOP APPROVED L-24 MONTHS
PAYLOAD ICD
CREW ASSIGNED L-18 MONTHS
PAYLOAD SSP
PRELIMINARY IOP L-12 MONTHS
BASELINE IOP L-6 MONTHS
PARTNERS
MULTILATERAL CONTROL BOARD (MCB)
USER OPERATIONS PANEL (UOP)
SYSTEMS OPERATIONS PANEL (SOP)
PROGRAM OPERATIONS CONTROL BOARD (POCB)
STRATEGIC POLICY DIVISION
UTILIZATION AND OPERATIONS DEVELOPMENT DIVISION
UTILIZATION AND OPERATIONS INTEGRATION OFFICE
SPACE STATION USERS BOARD (SSUB)
CODES AND CODE; SPONSORED ORGANIZATIONS (INCL. S&T CTRS & OOCS)
USER
USER ACCOMMODATIONS INTEGRATION OFFICE (PAYLOAD ACCOMMODATION MGR.)
SPACE STATION USERS WORKING GROUP (INVESTIGATORS WORKING GROUP)
INCREMENT CHANGE MANAGEMENT OFFICE (INCREMENT CHANGE MANAGER)
OFFICE OF SAFETY, RELIABILITY AND QUALITY ASSURANCE
OPERATIONS SAFETY OFFICE
FLIGHT CREW OPERATIONS (INCREMENT CREW)
MANNED BASE USER OPERATIONS OFFICE (PAYLOAD OPERATIONS INTEGRATION CENTER)
MANNED BASE SYSTEMS OPERATIONS OFFICE (TRAINING COORDINATION GROUP)
MANNED BASE SYSTEMS OPERATIONS OFFICE SS SUPPORT CTR (SSSC)
ENGINEERING SUPPORT CENTER (ESC)
OFFICE OF SPACE TRACKING AND DATA SYSTEMS
LOGISTICS OPERATIONS OFFICE
PRE AND POST FLIGHT OPERATIONS OFFICE
OFFICE OF SPACE FLIGHT
PARTNER USER SELECTION PROCESS
APPROVE ALLOCATION OF RESOURCES TO SSP PARTNERS
ALLOCATE RESOURCES TO SSP PARTNERS
DISTRIBUTE ALLOCATIONS TO PARTNERS
RESOURCES AVAILABLE
REVIEW FEASIBILITY PROCESS, SUBMIT REQUEST FOR FLIGHT
APPROVE CUP/REVIEW FOR COMPLIANCE WITH RESOURCE DISTRIBUTION
INTEGRATE USERS INTO CONSOLIDATED UTILIZATION PLAN (CUP)
CONCUR WITH FIP
VERIFICATION TESTING/ RACK INTEGRATION
DEVELOP MARKETING/USER DEVELOPMENT POLICIES
REVIEW AND APPROVE ADDITIONS TO TACTICAL OPERATIONS PLAN
CONCUR WITH FINAL IOP
PROVIDE RESOURCE ESTIMATE FOR UPCOMING FIVE YEARS
OUTREACH ACTIVITIES
AA FOR SPACE STATION "ACCEPTED" PAYLOADS PENDING APPROVAL BY LOP/MCS
AA FOR SPACE STATION SIGNS RFT, ACCEPTING PAYLOAD INTO PROGRAM
ARRANGE FOR FEASIBILITY ASSESSMENT
SUPPORT/ASSESS NEGOTIATION OF REQUEST FOR FLIGHT
IMPLEMENT CUP, NOTIFY USERS AND SPONSORS OF APPROVAL
ADD USER TO NEW TOP INCREMENT
SUPPORT FINAL OPERATIONS ASSESSMENT
APPROVE FIP
CONCUR WITH BASELINE IOP
APPROVE FINAL IOP
COORDINATE FEASIBILITY ASSESSMENT
DISTRIBUTE US RESOURCES AMONG USER CLASSES
REVIEW SELECTED PAYLOADS FOR COMPLIANCE WITH RESOURCE DISTRIBUTION
REVIEW REQUESTS FOR FLIGHT, CONCUR WITH SELECTIONS
SUBMIT REQUESTS FOR FLIGHT FOR SELECTED USERS TO UDP
OBTAIN BUDGET AUTHORITY FOR FLIGHT PROJECTS
SOLICIT PIS FOR PAYLOADS
ASSESS AND SELECT PROPOSALS BASED ON COMPLIANCE WITH SPONSOR GOALS
SELECT USERS
NEGOTIATE REQUEST FOR FLIGHT
DEVELOP NEGOTIATE REQUEST FOR FLIGHT
INCLUDES USER EVALUATION OF REQUIREMENTS IMPOSED ON PAYLOAD BY SSP
SUBMIT PROPOSAL
INITIATE PAYLOAD DEVELOPMENT
SUPPORT PAYLOAD DEVELOPMENT
ASSIST USER IN DEFINING PAYLOAD REQUIREMENTS
DEVELOP PAYLOAD
DEFINE SPACE STATION REQUIREMENTS (P/NANNEXES TO EQUIVALENT)
PAYLOAD ACCOMMODATION MANAGER (PAM) ASSIGNED
MONITOR DEVELOPMENT OF PAYLOAD
ASSIST USER; COORDINATE INITIAL OPERATIONS ASSESSMENT
FORWARD REQUIREMENTS FOR INCLUSION IN TOP
SOLVING ESTABLISHED AND INITIATED ACTIVITIES
SUPPORT PAYLOAD FOR
PAYLOAD FOR
SUPPORT PAYLOAD FOR
SUPPORT FINAL OPERATIONS ASSESSMENT
REFINE SPACE STATION REQUIREMENTS
SUPPORT FINAL OPERATIONS ASSESSMENT
INPUTS, INCLUDING NOMINATIONS FOR PAYLOAD SCIENTISTS
SUPPORT PAYLOAD CDR
PAYLOAD CDR
SUPPORT PAYLOAD CDR
CONFLICT RESOLUTION (ONGOING)
CONFLICT RESOLUTION (ONGOING)
PARTICIPATE IN INCREMENT EXECUTE PLANNING
SUPPORT USER PARTICIPATION
SUPPORT PAYLOAD CONSTRUCTION
BUILD PAYLOAD AND PROCEDURES, BEGIN INITIAL
MONITOR PAYLOAD CONSTRUCTION
DEVELOP CONTINGENCY PLANS FOR USER OPERATIONS
ASSIST IN DEVELOPMENT OF CONTINGENCY PLANS
DEVELOP CONTINGENCY PLANS FOR USER OPERATIONS
DELIVER PAYLOAD TRAINERS AND MOCKUPS
MONITOR DELIVERY OF PAYLOAD TRAINERS AND MOCKUPS
DELIVER PAYLOAD, LAUNCH SITE SUPPORT
MONITOR DELIVERY OF PAYLOAD AND LAUNCH SITE SUPPORT
VERIFICATION TESTING/ RACK INTEGRATION
USER STATION TRAINING
MCPS/UOP USER TRAINING
PARTICIPATE IN USER TRAINING
ON-ORBIT CHECK-OUT/ VERIFICATION AND OPERATIONS
APPROVED LAUNCH GO/ & VERIFICATION
INCREMENT CHANGE MANAGER ASSIGNED, COORDINATE INITIAL PLANNING
COORDINATE FINAL OPERATIONS ASSESSMENT
DEVELOP FLIGHT INCREMENT PLAN (FIP)
CHAIR PAYLOAD SAFETY REVIEW
PAYLOAD SAFETY REVIEW
INPUTS
CHAIR INCREMENT SAFETY REVIEW
INCREMENT SAFETY REVIEW
PERFORM FEASIBILITY ASSESSMENT
CREW ASSIGNED, INPUTS
PAYLOAD SCIENCE TRAINING
PAYLOAD PART-TASK TRAINING
INTEGRATED PAYLOAD TRAINING ON MOCK-UPS/ SIMULATORS
LAUNCH SITE SUPPORT
SIMULATIONS/ PROF. TRAINING
STATUS INPUT TO FIN
ASSESSMENT
INITIAL PLANNING
INPUTS
INTEGRATE USER INPUTS
COORDINATE DEVELOPMENT OF USER CONTINGENCY PLANS
COORDINATION/ EXECUTION OF PAYLOAD PLAN
DEVELOP TRAINING SCHEDULES, INITIATE PART-TASK TRAINING
INTEGRATE TRAINERS
SIMULATIONS/ PROF. TRAINING
INPUT
OPERATIONS INPUT
SYSTEM INPUT
INTEGRATE INCR. OPERATIONS PLAN (IOP) (ONGOING)
PUBLISH PRELIMINARY INCREMENT OPERATIONS PLAN
BASELINE OP./INITIATE CONFIGURATION CONTROL
INTEGRATE FINAL IOP
COORDINATION/ EXECUTION OF SYSTEMS PLAN
SUPPORTABILITY ASSESSMENT
DATA RELAY
LOGISTICS SUPPORT (AS NEEDED)
VERIFICATION TEST/ RACK INTEGRATION
FINAL INTERFACE TEST AND LOFGING
LATE ACCESS (AS REQUIRED)
LAUNCH

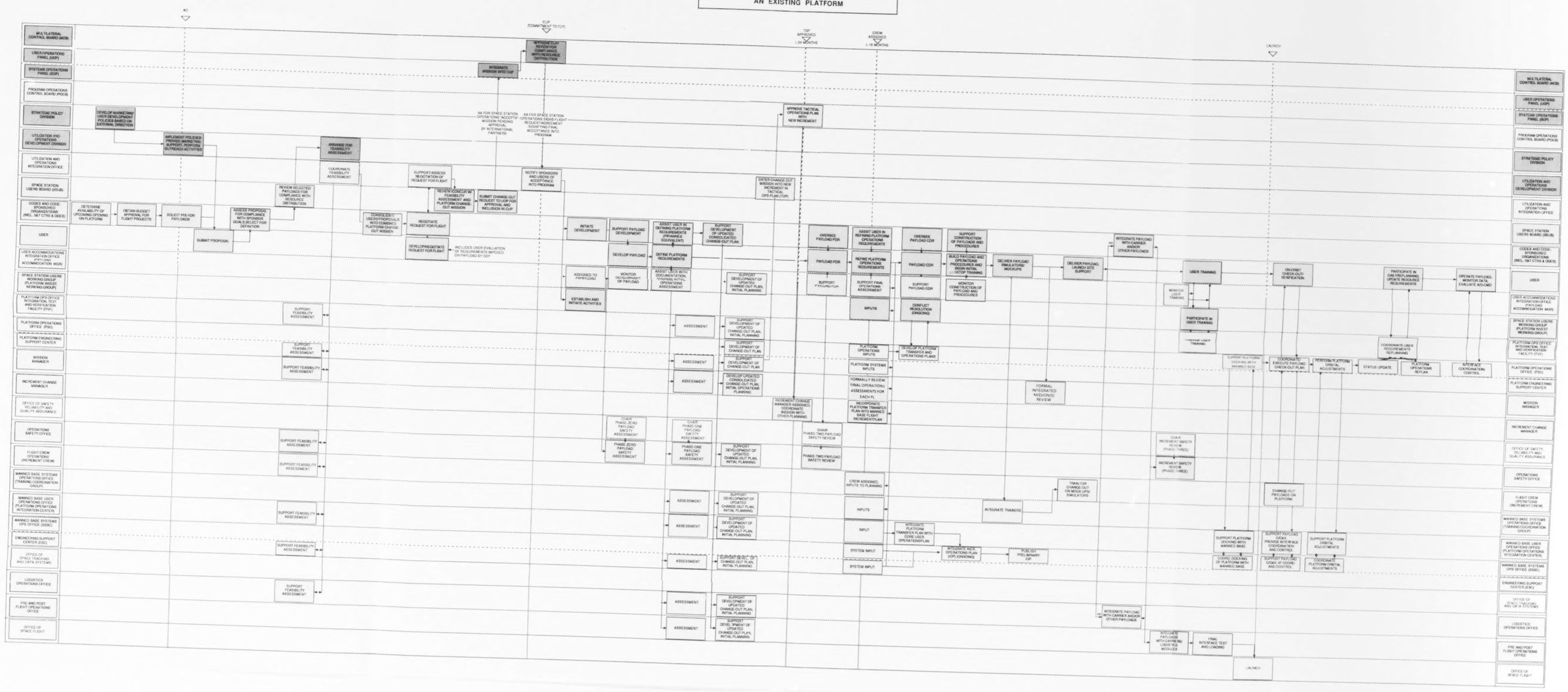
USER INTEGRATION SCENARIO
PART 1: MANNED BASE USERS





USER INTEGRATION SCENARIO
PART 2: DEVELOPMENT OF A NEW PLATFORM

USER INTEGRATION SCENARIO
PART 3: INSTALLATION OF NEW PAYLOADS ON AN EXISTING PLATFORM


AO
CUF (COMMITMENT TO FLY)
TOP APPROVED L-24 MONTHS
CREW ASSIGNED L-18 MONTHS
LAUNCH
MULTILATERAL CONTROL BOARD (MCB)
USER OPERATIONS PANEL (UOP)
SYSTEMS OPERATIONS PANEL (SOP)
PROGRAM OPERATIONS CONTROL BOARD (POCB)
STRATEGIC POLICY DIVISION
UTILIZATION AND OPERATIONS DEVELOPMENT DIVISION
UTILIZATION AND OPERATIONS INTEGRATION OFFICE
SPACE STATION USERS BOARD (SSUB)
CODES B AND CODE SPONSORED ORGANIZATIONS (INCL. S&T CTRS & DOCD)
USER
USER ACCOMMODATIONS INTEGRATION OFFICE (PAYLOAD ACCOMMODATION MGR)
SPACE STATION USERS WORKING GROUP (PLATFORM INVEST WORKING GROUP)
PLATFORM OPS OFFICE INTEGRATION, TEST AND VERIFICATION FACILITY (ITVF)
PLATFORM OPERATIONS OFFICE (PSC)
PLATFORM ENGINEERING SUPPORT CENTER
MISSION MANAGER
INCREMENT CHANGE MANAGER
OFFICE OF SAFETY, RELIABILITY AND QUALITY ASSURANCE
OPERATIONS SAFETY OFFICE
FLIGHT CREW OPERATIONS (INCREMENT CREW)
MANNED BASE SYSTEMS OPERATIONS OFFICE (TRAINING COORDINATION GROUP)
MANNED BASE USER OPERATIONS OFFICE (PLATFORM OPERATIONS INTEGRATION CENTER)
MANNED BASE SYSTEMS OPS OFFICE (SSBC)
ENGINEERING SUPPORT CENTER (ESC)
OFFICE OF SPACE TRACKING AND DATA SYSTEMS
LOGISTICS OPERATIONS OFFICE
PRE AND POST FLIGHT OPERATIONS OFFICE
OFFICE OF SPACE FLIGHT
DEVELOP MARKETING/ USER DEVELOPMENT POLICIES BASED ON EXTERNAL DIRECTION
IMPLEMENT POLICIES/ PROVIDE MARKETING SUPPORT, CONDUCT OUTREACH ACTIVITIES
DETERMINE AVAILABILITY OF UPCOMING OPENING ON PLATFORM
OBTAIN BUDGET APPROVAL FOR FLIGHT PROJECTS
SOLICIT PYS FOR PAYLOADS
SUBMIT PROPOSAL
ASSESS PROPOSAL FOR COMPLIANCE WITH SPONSOR GOALS; SELECT FOR DEFINITION
REVIEW SELECTED PAYLOADS FOR COMPLIANCE WITH RESOURCE DISTRIBUTION
ARRANGE FOR FEASIBILITY ASSESSMENT
COORDINATE FEASIBILITY ASSESSMENT
SUPPORT FEASIBILITY ASSESSMENT
SUPPORT/ASSESS NEGOTIATION OF REQUEST FOR FLIGHT
REVIEW CONCEPT IN FEASIBILITY ASSESSMENT AND PLATFORM CHANGE-OUT MISSION
SUBMIT CHANGE-OUT REQUEST TO USOP FOR APPROVAL AND INCLUSION IN CUP
CONSOLIDATE USERS PROPOSALS INTO COMBINED PLATFORM CHANGE OUT MISSION
NEGOTIATE REQUEST FOR FLIGHT
DEVELOP/NEGOTIATE REQUEST FOR FLIGHT
INCLUDES USER EVALUATION OF REQUIREMENTS IMPOSED ON PAYLOAD BY SSP
INTEGRATE MISSION INTO CUF
APPROVE CUF; REVIEW FOR COMPLIANCE WITH RESOURCE DISTRIBUTION
AA FOR SPACE STATION OPERATIONS "ACCEPTS" MISSION PENDING APPROVAL BY INTERNATIONAL PARTNERS
AA FOR SPACE STATION OPERATIONS SIGNS FLIGHT REQUEST/AGREEMENT FORMALLY INTO ACCEPTANCE INTO PROGRAM
NOTIFY SPONSORS AND USERS OF ACCEPTANCE INTO PROGRAM
INITIATE DEVELOPMENT
SUPPORT PAYLOAD DEVELOPMENT
DEVELOP PAYLOAD
MONITOR DEVELOPMENT OF PAYLOAD
ASSIGNED TO PAYATLOAD
ESTABLISH AND INITIATE ACTIVITIES
ASSIST USER IN DEFINING PLATFORM REQUIREMENTS (FIRM/REF EQUIVALENT)
DEFINE PLATFORM REQUIREMENTS
ASSIST USER WITH DOCUMENTATION, SUPPORT PDR, OPERATIONS ASSESSMENT
SUPPORT DEVELOPMENT OF UPDATED CONSOLIDATED CHANGE-OUT PLAN
SUPPORT DEVELOPMENT OF UPDATED CHANGE-OUT PLAN, INITIAL PLANNING
ASSESSMENT
SUPPORT DEVELOPMENT OF UPDATED CHANGE-OUT PLAN, INITIAL PLANNING
SUPPORT DEVELOPMENT OF CHANGE-OUT PLAN
DEVELOP UPDATED CONSOLIDATED CHANGE-OUT PLAN, INITIAL OPERATIONS PLANNING
INCREMENT CHANGE MANAGER ASSIGNED; COORDINATE MISSION WITH OTHER PLANNING
CHAIR PHASE ZERO PAYLOAD SAFETY ASSESSMENT
PHASE ZERO PAYLOAD SAFETY ASSESSMENT
CHAIR PHASE ONE PAYLOAD SAFETY ASSESSMENT
PHASE ONE PAYLOAD SAFETY ASSESSMENT
SUPPORT DEVELOPMENT OF UPDATED CHANGE-OUT PLAN, INITIAL PLANNING
CHAIR PHASE TWO PAYLOAD SAFETY REVIEW
PHASE TWO PAYLOAD SAFETY REVIEW
APPROVE TACTICAL OPERATIONS PLAN WITH NEW INCREMENT
ENTER CHANGE-OUT MISSION INTO NEW INCREMENT IN TACTICAL OPS PLAN (TOP)
OVERSEE PAYLOAD PDR
PAYLOAD PDR
SUPPORT PAYLOAD PDR
ASSIST USER IN REFINING PLATFORM OPERATIONS REQUIREMENTS
REFINE PLATFORM OPERATIONS REQUIREMENTS
SUPPORT FINAL OPERATIONS ASSESSMENT
INPUTS
OVERSEE PAYLOAD CDR
PAYLOAD CDR
SUPPORT PAYLOAD CDR
CONFLICT RESOLUTION (ONGOING)
SUPPORT CONSTRUCTION OF PAYLOADS AND PROCEDURES
BUILD PAYLOAD AND OPERATIONS PROCEDURES AND BEGIN INITIAL (...)KTOP TRAINING
MONITOR CONSTRUCTION OF PAYLOAD AND PROCEDURES
DELIVER PAYLOAD SIMULATORS/ MOCKUPS
DELIVER PAYLOAD, LAUNCH SITE SUPPORT
INTEGRATE PAYLOAD WITH CARRIER AND/OR OTHER PAYLOADS
MONITOR USER TRAINING
USER TRAINING
PARTICIPATE IN USER TRAINING
ON-ORBIT CHECK-OUT/ VERIFICATION
PARTICIPATE IN DAILY/REPLANNING, UPDATE RESOURCE REQUIREMENTS
OPERATE PAYLOAD, MONITOR DATA, EVALUATE ACCOMO
DEVELOP PLATFORM TRANSFER AND OPERATIONS PLANS
PLATFORM OPERATIONS INPUTS
PLATFORM SYSTEMS INPUTS
FORMALLY REVIEW FINAL OPERATIONAL ASSESSMENTS FOR EACH PL
INCORPORATE PAYLOAD TRANSFER PLAN INTO MANNED BASE FLIGHT INCREMENT PLAN
FORMAL INTEGRATED MISSION(S) REVIEW
CREW ASSIGNED; INPUTS TO PLANNING
INPUTS
INPUT
SYSTEM INPUT
SYSTEM INPUT
INTEGRATE TRAINERS
TRAIN FOR CHANGE-OUT ON MOCK-UPS/ SIMULATORS
INTEGRATE PLATFORM TRANSFER PLAN WITH CORE USER OPERATIONSPLAN
INTEGRATE INCR. OPERATIONS PLAN (OP) ONGOING
PUBLISH PRELIMINARY OP
SUPPORT PLATFORM DOCKING WITH MANNED BASE
COORD DOCKING OF PLATFORM WITH MANNED BASE
COORDINATE EXECUTE PAYLOAD CHECK-OUT PLAN
SUPPORT PAYLOAD C/O&V, PROVIDE INTERFACE COORDINATION AND CONTROL
COORD DOCKING OF PLATFORM WITH MANNED BASE
PERFORM PLATFORM ORBITAL ADJUSTMENTS
SUPPORT PLATFORM ORBITAL ADJUSTMENTS
COORDINATE PLATFORM ORBITAL ADJUSTMENTS
STATUS UPDATE
COORDINATE USER REQUIREMENTS REPLANNING
PLATFORM OPERATIONS REPLAN
INTERFACE COORDINATION CONTROL
CHAIR INCREMENT SAFETY REVIEW (PHASE THREE)
INCREMENT SAFETY REVIEW (PHASE THREE)
CHANGE-OUT PAYLOADS ON PLATFORM
INTEGRATE PAYLOAD WITH CARRIER AND/OR OTHER PAYLOADS
INTEGRATE PAYLOADS WITH CARRIER MODULE LOGISTICS MODULES
FINAL INTERFACE TEST AND LOADING
LAUNCH